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To: M/S: Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

## **NEW APPLICATION TRANSMITTAL - UTILITY**

Sir:					17						
Transmitted	herewith	for filing is a utility pa	tent application:								
Inventor(s): Arun Naidu, Alex			olek, and Samuel Mc	Kernan							
Title	:	DIRECTIONAL INDI	CATOR FOR ANTE	ENNAS							
PAPERS ENCLOSED HEREWITH FOR FILING UNDER 37 CFR § 1.53(b):											
F	Page(s Page(s Sheets ADDITIC TILING: Declar Power Assign	of Attorney  Separa	ormal  Formal OSED IN CONNE								
	Assignment to and assignment cover sheet Certified Copy of Priority Document No(s): Information Disclosure Statement w/PTO 1449										
	Other:				<del></del>						
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July 1, 2003											
Date of Deposit			Signature of Pers	on Mailing Paper							

2. PR	IORITY											
	Priority of application	Serial No	_ filed on			i	n is c	is claimed				
	35 U.S.C. § 119.											
3. THE FILING FEE HAS BEEN CALCULATED AS SHOWN BELOW:  Applicant claims small entity status pursuant to 37 CFR § 1.27												
			is pur	suant to	3/	Crk	91.	.21	\$750.00			
	BASIC FILI	NG FEE:						dia 00	\$738.00			
Total Claims		61	-		=	41	X	\$18.00	<del></del>			
Indepe	ndent Claims	5	-		=	2	х	\$84.00	\$168.00			
Multiple Dependent Claims		\$280		applicabl				Ц_	\$0.00			
	TOTAL OF ABOVE CALCULATIONS \$1,656.00											
	tion by ½ for Filing by Sma	ll Entity, if app	plicable	e, as asse	rted	above	. No	te 37 CFR	\$828.00			
§§ 1.9	, 1.27, 1.28. Filing Fees (Recordation of	Assignment	\$40)									
Misc.	TOTAL FEI	S DUE HE	CREV	VITH					\$828.00			
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4. M	ETHOD OF PAYME	NT OF FEI	ES									
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	1.53.			10								
5. A	UTHORIZATION TO	) CHARGE	CFEE	28			14.	-1	27.7			
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$\boxtimes$	37 CFR § 1.16 – (File	ing fees and	d exce	ss clair	ns i	fees)						
Ī	37 CFR § 1.17 – (Any application processing fees)											
$\exists$	37 CFR 8 1.21 – (As	signment re	ecord	ing fees	s)							

## 6. CORRESPONDENCE ADDRESS

Please send all correspondence to Customer Number 23639:

BINGHAM McCUTCHEN Three Embarcadero, Suite 1800 San Francisco, CA 94111-4067 (650) 849.4400

By:

Please direct all inquiries to Fabio Marino, at the above customer number.

Respectfully submitted,

BINGHAM McCUTCHEN LLP

Dated: June 30, 2003

Gerald Chan

Reg. No. 51,541